CERES Subsystem Delivery Schedule - July 2001
(Next CERES Science Team Meeting -September 17-19, 2001 at Royal Meteorological Institute of Belgium, Brussels)
(Aqua Launch - No earlier than January 30, 2002)
(Toolkit Version: SCF- 5.2.7v1; ASDC - 5.2.7v1)

Subsystem	Preliminary Delivery Memo to CM	Delivery to CERES CM	Delivery to Langley DAAC	Reason for Delivery	CERESlib Delivery Needed	New PGE(s)
Instrument	June 15	July 6	July 13	1. Fix the problem found when a bit hit occurred in the packet counter which caused a fatal error. 2. Add new SDSs to the BDSS containing the solar angles. 3. Add a crude 3-channel intercomparison to find bit hits in the radiance data. 4. Update to handle Aqua data (if possible).		
CERESlib	June 22	July 6	July 13	Modifications related to TISA Gridding and TISA Averaging.		
TISA Gridding (Subsystem 9 only)	June 22	July 6	July 13	1. Modifications due to the change to the window channel data units on the SSF. 2. Added imager radiances data onto SFC product. 3. Exclude the column cloud and include the layer cloud. 4. Incorporate the new ADMs into gridding and change the 12 scene types to 20 scene types.	X	
Clouds	June 22	July 13	July 20	Modifications to support production of Terra Beta SSFs.		X
Inversion	July 6	July 13	July 20	Modified SW ADM code to provide renormalized optical depths for all TERRA viewing angle.		

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TISA Averaging (Subsystem 10 only)	June 29	July 13	July 20	1. Change column cloud to layer cloud. 2. Update GGEO SW normalization. 3. Update inputs to the surface flux algorithms. 4. Update the layer cloud interpolation. 5. Organize and divide the code into interpolation (SS7.1) and averaging (SS8) and interpolation and averaging (SS10). 6. Update time series plot program to exclude the column cloud effective pressure and add the cloud fractions and cloud effective pressures for layer cloud. 7. Update web plot code to exclude the difference in the effective pressure in the column cloud and add the effective pressures and optical depth of the layer cloud.	X	

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Subsystem	Preliminary Delivery Memo to CM	Delivery to CERES CM	Delivery to Langley DAAC	Reason for Delivery	CERESlib Delivery Needed	New PGE(s)
ERBE-like	July 6	July 20	July 27	1. Correct 'data year' contained in the header of ES-4 binary data files (results in correcting data year on ES-4 gif files displayed on the Web for data dates 2001 and beyond). 2. Implement changes needed to process ERBE and CERES data through same code at ASDC. Additional ancillary data and S-8 to PRES-8 processor supplied. 3. Incorporate "3-Channel Consistency Check" and LW tolerance testing module to capture bit flips and sunglints. 4. Allow command line options to dictate processing strategies: ADM model (Original or New), Spectral Correction Algorithm (Original or SI Method), and SW Offsets (Day/ Night, Thermal or None). 5. Modified PCF generators to incorporate new instrument Configuration Code environment variable "CC1_2" for PRES-8 file names.		
Regrid MOA	July 13	July 27	August 3	Modifications to support processing using the DAO GEOS3.3 data as input.		

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Subsystem	Preliminary Delivery Memo to CM	Delivery to CERES CM	Delivery to Langley DAAC	Reason for Delivery	CERESlib Delivery Needed	New PGE(s)
GGEO	August			1. Update GGEO to work with current version of Cloud subsystem code. 2. Correct problems found processing data in the year 2000. 3. Add two PGEs for intercomparison programs. 4. Add runtime parameter to indicate whether to recalibrate coefficients.		X
Inversion	September			Modifications to support production of TRMM Edition2 SSFs.		